

I claim:

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1.

A pre-fill vaginal applicator, comprising:

a tubular barrel having a dispensing end provided with at least one opening formed
therein and an open end;

said barrel having an inner surface;

a selectively removable closure closing said dispensing end of said barrel;

a resilient piston having first and second ends, selectively slidably positioned in said
barrel;

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said piston having an outer surface which is in sealing contact with said inner surface of
said barrel to define a medication reservoir between said first end of said piston
and said dispensing end of said barrel;

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said second end of said piston having an opening extending thereinto which terminates
between said first and second ends of said piston;

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an elongated plunger having first and second ends adapted to be inserted into said
open end of said barrel whereby said first end thereof may be inserted into said
opening in said second end of said piston to detachably connect said plunger to
said piston;

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said piston, prior to insertion into said barrel, having a larger outside diameter than the
inside diameter of said barrel whereby said piston is in a compressed state
against said inner surface of said barrel when said piston is inserted into said
barrel;

1 said plunger, when connected to said piston and being moved towards said dispensing
end of said barrel, causing said resilient piston to longitudinally stretch to permit
said piston to slide towards said dispensing end thereby forcing medication in
said medication reservoir to be ejected from said opening in said dispensing end
of said barrel;

5 said first end of said plunger being detachably connected to said piston whereby
movement of said plunger away from said piston will cause said first end of said
plunger to disconnect from said piston.

2.

10 The applicator of claim 1 wherein said first end of said piston has a portion
thereof shaped so as to be receivable within said opening formed in said dispensing
end of said barrel.

3.

15 The applicator of claim 1 wherein said piston is constructed so as to destruct if an
attempt is made to manually move said piston towards said open end of said barrel by
applying force against said first end thereof, thereby ensuring that the applicator may
not be reused.

20 4.

The applicator of claim 1 wherein said dispensing end of said barrel is rounded.

25 5.

The applicator of claim 1 wherein said closure is snap-fitted onto said barrel.

6.

1 The applicator of claim 1 wherein said closure is threadably fitted onto said
barrel.

7.

5 The applicator of claim 1 wherein said opening in said barrel has internal threads
formed therein and wherein said closure comprises a cap having an externally threaded
portion which is threadably received by said internal threads in said opening.

8.

10 A vaginal applicator, comprising:
a tubular barrel having a dispensing end provided with at least one opening formed
therein and an open end;
said barrel having an inner surface;
a resilient piston having first and second ends, selectively slidably positioned in said
15 barrel;
said piston having an outer surface which is in slidable sealing contact with said inner
surface of said barrel to define a medication reservoir between said first end of
said piston and said dispensing end of said barrel;
said second end of said piston having an opening extending thereinto which terminates
20 between said first and second ends of said piston;
an elongated plunger having first and second ends adapted to be inserted into said
open end of said barrel whereby said first end of said plunger may be inserted

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1 into said opening in said second end of said piston to detachably connect said
plunger to said piston;

5 said piston, prior to insertion into said barrel, having a larger outside diameter than the
inside diameter of said barrel whereby said piston is in a compressed state
against said inner surface of said barrel when said piston is inserted into said
barrel;

10 said plunger, when connected to said piston and being moved towards said dispensing
end of said barrel, causing said resilient piston to longitudinally stretch to permit
said piston to slide towards said dispensing end thereby forcing medication in
said medication reservoir to be ejected from said opening in said dispensing end
of said barrel.

9.

15 The applicator of claim 8 wherein said first end of said plunger is detachably
connected to said piston whereby movement of said plunger away from said piston will
cause said first end of said plunger to disconnect from said piston.

10.

20 The applicator of claim 8 wherein said first end of said piston has a portion
thereof shaped so as to be receivable within said opening formed in said dispensing
end of said barrel.

11.

25 The applicator of claim 8 wherein said piston is constructed so as to destruct if an
attempt is made to manually move said piston towards said open end of said barrel by

1 applying force against said first end thereof, thereby ensuring that the applicator may
not be reused.

12.

The applicator of claim 8 wherein said dispensing end of said barrel is rounded.

5 13.

The applicator of claim 8 wherein a selectively removable closure closes said dispensing end of said barrel.

14.

The applicator of claim 13 wherein said closure is snap-fitted onto said barrel.

10 15.

The applicator of claim 13 wherein said closure is threadably fitted onto said barrel.

16.

15 The applicator of claim 13 wherein said opening in said barrel has internal threads formed therein and wherein said closure comprises a cap having an externally threaded portion which is threadably received by said internal threads in said opening.

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